

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E30635

Employer : Deaconess Medical Center

Worksite : Deaconess Medical Center

Street : 800 W 5th Ave

Jurisdiction : City of Spokane

Survey Date : 10/19/2015

Survey Type : Paper

Response Rate : 77%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 87.2%

Reported Total Employees at Worksite: 1,352

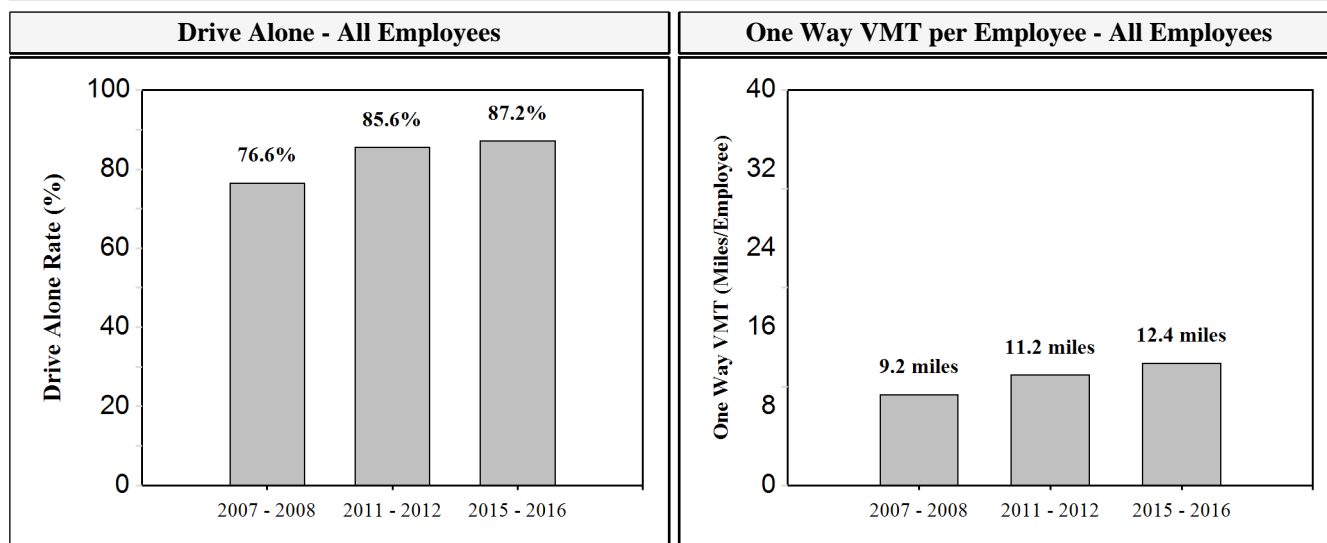
Surveys Distributed : 900

One-Way VMT per employee : 12.4

Surveys Returned : 693

Surveys Returned by CTR Affected Employees : 377

Total Estimated CTR - Affected Employees at Worksite : 490



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	76.6%	76.1%	9.2	9.3
2009 - 2010	86.8%	89.1%	10.1	10.2
2011 - 2012	85.6%	84.8%	11.2	10.5
2013 - 2014	N/A	N/A	N/A	N/A
2015 - 2016	87.2%	86.7%	12.4	11.8
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	13.8%	13.9%	34.8%	26.9%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2011 - 2012	2011 - 2012 Without Fill In	2015 - 2016
Drive Alone - All Employees*	76.6%	85.6%	85.2%	87.2%
Drive Alone - CTR Affected Employees*	76.1%	84.8%	84.1%	86.7%
VMT/Employee - All Employees	9.2	11.2	11.1	12.4
VMT/Employees - CTR Affected Employees	9.3	10.5	10.5	11.8

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2011 - 2012	2015 - 2016
Emissions for Surveyed Employees	1,562	1,964	1,500
Estimated Emissions for Total Employment	2,943	2,865	2,926

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2011 - 2012	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	131,710	93,956	87,402
Bus Annual Passenger Miles - Surveyed Employees	69,900	64,400	44,800
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	0
Ferry Annual Passenger Miles - Surveyed Employees	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

Q3.

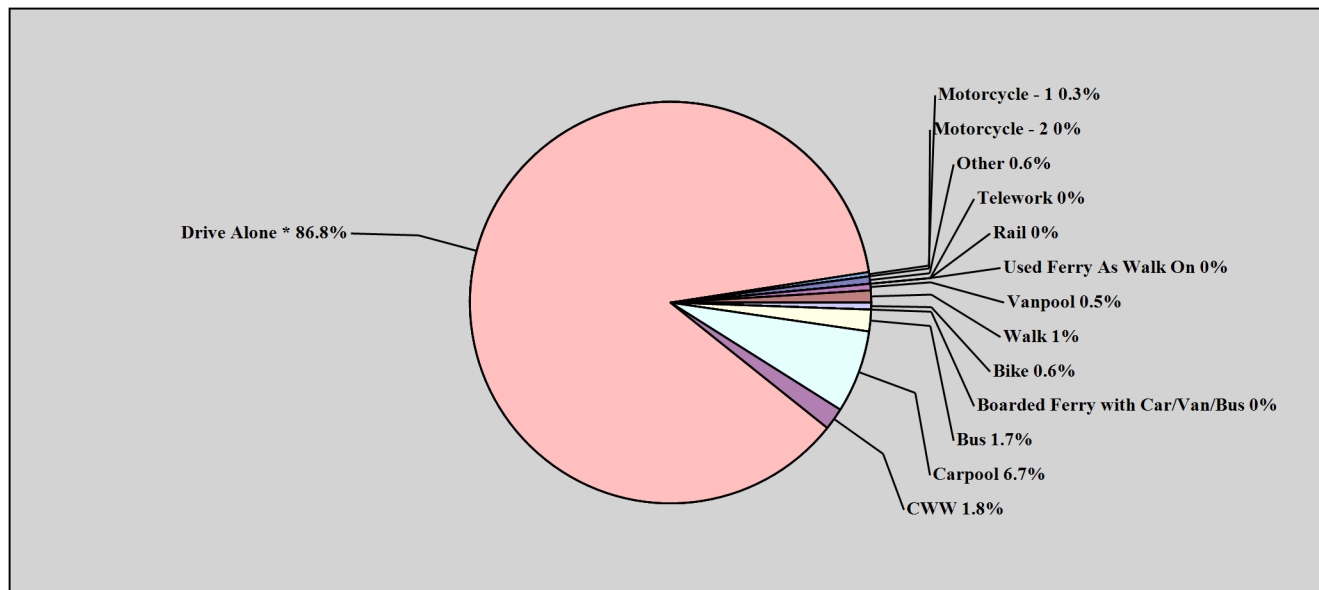
One way, how many miles do you commute from home to your usual work location?

Average one-way distance home to work: 15.6 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



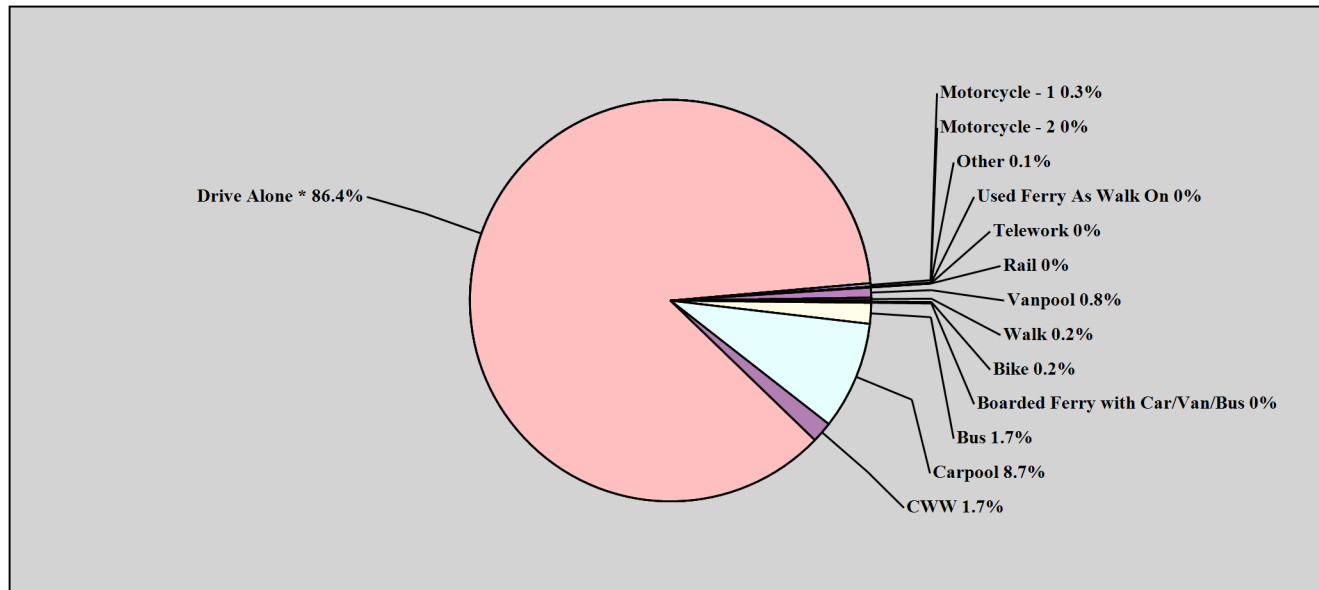
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,493	86.8%	85.7%	619	89.3%	88.8%
Carpool	191	6.7%	7.8%	61	8.8%	11.8%
Vanpool	15	0.5%	0.2%	6	0.9%	0.4%
Motorcycle - 1	10	0.3%	0.3%	3	0.4%	0.8%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	50	1.7%	1.2%	12	1.7%	1.5%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	16	0.6%	0.5%	6	0.9%	0.8%
Walk	28	1.0%	1.2%	10	1.4%	1.6%
Telework	0	0.0%	0.1%	0	0.0%	0.3%
CWW	51	1.8%	2.4%	26	3.8%	4.4%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	17	0.6%	0.5%	5	0.7%	0.8%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,491	86.4%	85.2%	340	90.2%	89.2%
Carpool	150	8.7%	9.5%	41	10.9%	14.8%
Vanpool	14	0.8%	0.2%	5	1.3%	0.4%
Motorcycle - 1	5	0.3%	0.4%	1	0.3%	1.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	29	1.7%	0.9%	7	1.9%	1.2%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	3	0.2%	0.5%	2	0.5%	0.8%
Walk	4	0.2%	0.9%	2	0.5%	1.5%
Telework	0	0.0%	0.0%	0	0.0%	0.2%
CWW	29	1.7%	2.2%	16	4.2%	5.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	1	0.1%	0.1%	1	0.3%	0.4%

* Drive alone mode includes fill-in, where applicable.



Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	578	83%	693	100%
1 Days	26	4%	115	17%
2 Days	17	2%	89	13%
3 Days	25	4%	72	10%
4 Days	12	2%	47	7%
5 Days	29	4%	35	5%
6 or More Days	6	1%	6	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	210	74.7%	18	6.4%	8	2.8%	24	8.5%	0	0%	2	0.7%	3	1.1%	1	0.4%	38	13.5%
4 days a week (4/10s)	14	18.4%	45	59.2%	2	2.6%	5	6.6%	0	0%	0	0%	0	0%	0	0%	9	11.8%
3 days a week	3	1.3%	153	67.7%	1	0.4%	7	3.1%	0	0%	1	0.4%	4	1.8%	1	0.4%	22	9.7%
9 days in 2 weeks (9/80)	3	42.9%	3	42.9%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	1	11.1%	3	33.3%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	3	4%	19	25.3%	0	0%	1	1.3%	0	0%	0	0%	2	2.7%	0	0%	3	4%

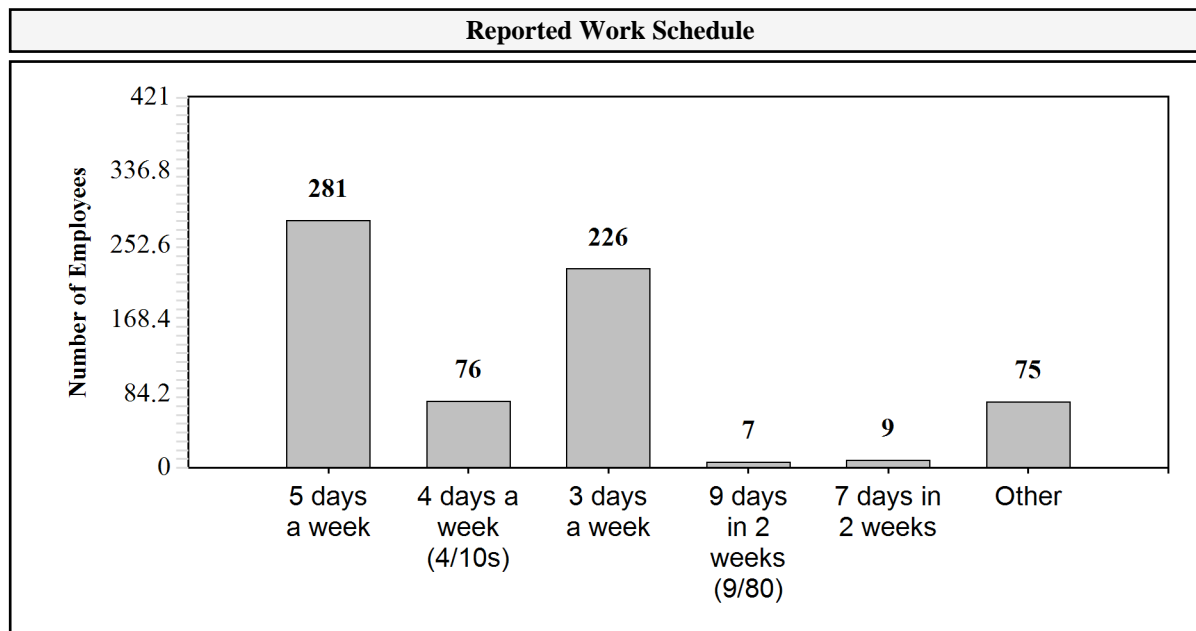
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	17
2	Motorcycle	0
2	Carpool	180
3	Carpool	11
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	5
5	Vanpool	0
6	Vanpool	9
7	Vanpool	1
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

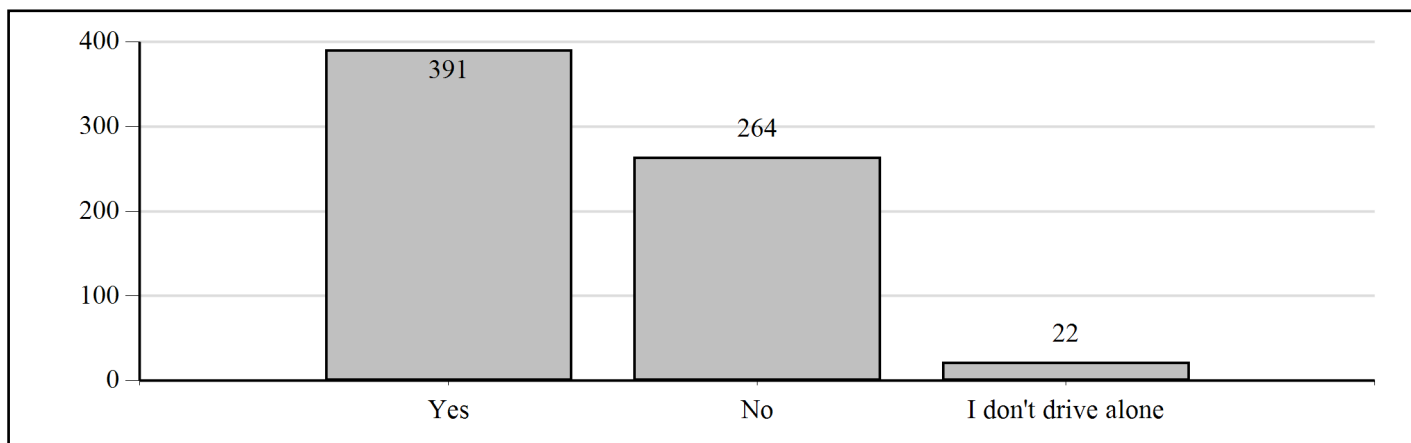
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	281	41.7%
4 days a week (4/10s)	76	11.3%
3 days a week	226	33.5%
9 days in 2 weeks (9/80)	7	1%
7 days in 2 weeks	9	1.3%
Other	75	11.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	20	2.9%
I don't telework	654	94.4%
Occasionally, on an as-needed basis	14	2.0%
1-2 days/month	1	0.1%
1 day/week	0	0.0%
2 days/week	3	0.4%
3 days/week	1	0.1%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	96	19.5%
Other	78	15.8%
Personal health or well-being	65	13.2%
Financial incentives for carpooling, bicycling or walking.	62	12.6%
Cost of parking or lack of parking	52	10.5%
Environmental and community benefits	49	9.9%
Driving myself is not an option	31	6.3%
Emergency ride home is provided	25	5.1%
Free or subsidized bus, train, vanpool pass or fare benefit	21	4.3%
I have the option of teleworking	5	1.0%
Preferred/reserved carpool/vanpool parking is provided	5	1.0%
I receive a financial incentive for giving up my parking space	4	0.8%
To save time using the HOV lane	0	0.0%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	405	30.8%
Riding the bus or train is inconvenient or takes too long	285	21.7%
Family care or similar obligations	192	14.6%
Other	172	13.1%
My commute distance is too short	81	6.2%
Bicycling or walking isn't safe	81	6.2%
My job requires me to use my car for work	59	4.5%
I need more information on alternative modes	34	2.6%
There isn't any secure or covered bicycle parking	6	0.5%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	2
5	3	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	1
11 or more	1	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	5	0	0	0	0	0	0	0	0	3
Total One-Way Transit Trips Per Week	40	0	0	0	0	0	0	0	0	18

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	2	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11 or more	1	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	4	0	0	0	0	0	0	0	0	0
Total One-Way Transit Trips Per Week	35	0	0	0	0	0	0	0	0	0

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	13	1.88%	34	1	0	0	0	0	0	0	0	0	0	0	0
00205	1	0.14%	0	0	0	0	3	0	0	0	0	0	0	0	0
2 9	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0	0
834	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0	0
83501	1	0.14%	0	0	0	0	0	0	0	4	0	0	0	0	0
83654	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
83801	2	0.29%	7	0	0	0	0	0	0	0	0	0	0	0	0
83814	4	0.58%	11	0	4	0	0	0	0	0	0	0	0	0	0
83815	11	1.59%	35	3	0	0	3	0	0	0	0	0	0	0	0
83835	5	0.72%	12	0	8	0	0	0	0	0	0	0	0	0	0
83854	12	1.73%	50	0	0	0	0	0	0	0	0	4	0	0	0
83855	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0	0
83858	3	0.43%	13	0	0	0	0	0	0	0	0	0	0	0	0
83860	1	0.14%	2	0	0	0	0	0	0	0	0	0	0	0	0
83861	2	0.29%	9	0	0	0	0	0	0	0	0	3	0	0	0
83869	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
83876	1	0.14%	2	0	0	0	0	0	0	0	0	0	0	0	0
83877	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0	2
88534	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
9 208	1	0.14%	0	0	0	0	0	0	0	0	0	0	0	0	0
9 7	1	0.14%	0	0	0	0	0	0	0	0	0	0	0	0	0
99000	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99001	9	1.30%	31	4	0	0	5	0	0	0	0	0	0	0	0
99003	6	0.87%	29	0	0	0	0	0	0	0	0	0	0	0	0
99004	11	1.59%	29	17	0	0	4	0	0	0	0	0	0	0	0
99005	10	1.44%	43	0	0	0	0	0	0	0	0	0	0	0	0



99006	10	1.44%	42	0	0	0	0	0	0	0	0	2	0	0	0
99009	4	0.58%	9	2	0	0	0	0	0	0	0	0	0	0	0
99011	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
99012	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
99016	14	2.02%	46	7	0	0	0	0	0	0	0	0	0	0	1
99019	14	2.02%	52	3	0	0	0	0	0	0	0	0	0	0	0
99020	1	0.14%	2	0	0	0	0	0	0	0	0	0	0	0	0
99021	9	1.30%	33	5	0	0	0	0	0	0	0	0	0	0	0
99022	16	2.31%	74	1	0	0	0	0	0	0	0	2	0	0	0
99023	3	0.43%	15	0	0	0	0	0	0	0	0	0	0	0	0
99025	4	0.58%	19	0	0	0	0	0	0	0	0	0	0	0	0
99026	9	1.30%	40	4	0	0	0	0	0	0	0	1	0	0	0
99027	2	0.29%	7	0	0	0	0	0	0	0	0	0	0	0	0
99029	2	0.29%	7	0	0	0	0	0	0	0	0	0	0	0	0
99030	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
99032	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99036	2	0.29%	2	0	0	0	0	0	0	0	0	0	0	0	0
99037	28	4.04%	113	5	0	3	0	0	0	0	0	4	0	0	0
99122	1	0.14%	0	3	0	0	0	0	0	0	0	0	0	0	0
99127	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99128	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0	0
99130	1	0.14%	7	0	0	0	0	0	0	0	0	0	0	0	0
99140	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99148	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99156	5	0.72%	17	1	0	0	0	0	0	0	0	0	0	0	0
99170	2	0.29%	10	0	0	0	0	0	0	0	0	0	0	0	0
99176	1	0.14%	0	5	0	0	0	0	0	0	0	0	0	0	0
99181	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99201	11	1.59%	27	3	0	0	5	0	6	4	0	0	0	0	0
99202	16	2.31%	36	7	0	0	5	0	2	3	0	0	0	0	6
99203	29	4.18%	105	19	0	0	0	0	2	0	0	0	0	0	0
99204	15	2.16%	40	1	0	0	0	0	1	17	0	1	0	0	0
99205	70	10.10%	254	26	1	0	6	0	4	0	0	2	0	0	1
99206	54	7.79%	202	14	1	1	5	0	1	0	0	5	0	0	0
99207	18	2.60%	62	6	1	0	4	0	0	0	0	0	0	0	0
99208	47	6.78%	166	13	0	13	10	0	0	0	0	4	0	0	0
99212	26	3.75%	104	7	0	0	0	0	0	0	0	1	0	0	0



99214	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
99216	24	3.46%	89	0	0	0	0	0	0	0	0	6	0	0	0
99217	17	2.45%	68	5	0	0	0	0	0	0	0	0	0	0	0
99218	18	2.60%	71	0	0	0	0	0	0	0	0	4	0	0	7
99223	60	8.66%	219	26	0	0	0	0	0	0	0	1	0	0	0
99224	44	6.35%	162	3	0	0	0	0	0	0	0	11	0	0	0
99228	3	0.43%	8	0	0	0	0	0	0	0	0	0	0	0	0
99352	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0	0